

ABSTRACT

5 MICROWAVE AND MILLIMETER-WAVE FILTERS AND ANTENNAS
BASED ON SPLIT RINGS RESONATORS AND ON PLANAR TRANSMISSION
LINES

10 Filter for microwaves and millimeter waves,
characterised in that it comprises a planar transmission
medium (1) that it includes a conductor strip (3),
metallic ground plane (4) and dielectric substrate (2) and
in that it includes at least one split rings resonator
15 (5a, 5b, 5c, 5d, 5e and 5f).